Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

Listing of Claims:

1. (currently amended) An intelligent network for use with an ATM network to

set up an ATM switched virtual circuit to provide VToA services and point-to-multipoint

connectivity, the intelligent network comprising:

a multi-service control point operable to receive an input extracted from an input

ATM setup message that includes a called party phone number value, a VToA

designator, and a request to establish a point-to-multipoint connection, enforce policies

regarding [[the]] establishment of point-to-multipoint connections, and generate an output

in response for use in generating an output ATM setup message;

an ATM signaling intercept processor operable to intercept the input ATM setup

message from an ingress ATM edge switch of the ATM network, extract the input from

the input ATM setup message, communicate the input to the multi-service control point,

receive the output generated by the multi-service control point, generate the output ATM

setup message using the output, and communicate the output ATM setup message to the

ingress ATM edge switch of the ATM network; and

a service administration operable to provision the multi-service control point and

the ATM signaling intercept processor.

2. (currently amended) The intelligent network of claim 1, wherein the multi-service control point, in order to enforce the policies regarding the establishment of point-to-multipoint connections, is operable to perform the following:

receive a request from a calling party to establish a point-to-multipoint connection, determine if the calling party is authorized to make point-to-multipoint connections,

reject the request if the calling party is not authorized to establish point-to-multipoint connections,

analyze the request to determine if [[the]] a bandwidth requested for the point-to-multipoint connection is within authorized bandwidth limits, and

reject the request if the bandwidth requested is not within authorized bandwidth limits.

3. (currently amended) The intelligent network of claim 1, wherein the multi-service control point, in order to enforce the policies regarding the establishment of point-to-multipoint connections, is further operable to perform the following:

allow the point-to-multipoint connection to be established if [[the]] a calling party is authorized to make point-to-multipoint connections and [[the]] a bandwidth requested is within authorized bandwidth limits.

4. (currently amended) The intelligent network of claim 1, wherein the multi-service control point, in order to enforce the policies regarding the establishment of point-to-multipoint connections, is further operable to perform the following:

receive a leaf request from [[the]] a calling party to add a leaf node to an existing point-to-multipoint connection,

analyze the leaf request to determine if [[the]] a maximum number of leaf nodes has been exceeded, and

reject the leaf request if the maximum number of leaf nodes has been exceeded, but allow the existing point-to-multipoint connection to proceed without adding the [[requested]] leaf node.

5. (currently amended) The intelligent network of claim 1, wherein the called party phone number value is stored in [[the]] a called party subaddress parameter of the input ATM setup message, the VToA designator is stored in [[the]] a called party number parameter of the input ATM setup message.

6. (currently amended) The intelligent network of claim 1, wherein the input ATM setup message is a request to setup a point-to-multipoint connection, and the input extracted from [[an]] the input ATM setup message and provided to multi-service control point includes a bandwidth request value that indicates [[the]] a bandwidth requested for the point-to-multipoint connection.

7. (currently amended) The intelligent network of claim 6, wherein the called party phone number value is stored in [[the]] a called party subaddress parameter of the output ATM setup message, [[the]] an ATM address of [[the]] a called party is stored in [[the]] a called party number parameter of the output ATM setup message, the calling party phone number value is stored in [[the]] a calling party subaddress parameter of the output ATM setup message, and [[the]] an ATM address of [[the]] a calling party CPE is stored in [[the]] a calling party number parameter of the output ATM setup message.

8. (currently amended) The intelligent network of claim 1, wherein the multi-service control point determines if the input ATM setup message requests [[an]] a SVC for VToA by analyzing [[the]] a VToA designator portion of the input.

9. (original) The intelligent network of claim 2, wherein the multi-service control point further includes: a database that correlates point-to-multipoint authorization information with the calling party, and correlates the called party phone number value with an ATM address of the called party CPE, and wherein the multi-service control point includes the ATM address of the called party CPE in the output.

10. (currently amended) The intelligent network of claim 1, wherein the multi-service control point is operable to track [[the]] a number of leaf nodes of a point-to-multipoint connection.

11. (currently amended) The intelligent network of claim 1, wherein the multi-service control point is operable to track [[the]] an allocated bandwidth of a point-to-multipoint connection.

12. (currently amended) The intelligent network of claim 1, wherein the multi-service control point is operable to track [[the]] a number of leaf nodes of a point-to-multipoint connection, and to track [[the]] an allocated bandwidth of a point-to-multipoint connection.

13. (currently amended) The intelligent network of claim 1, wherein [[the]] content exchanged through a point-to-multipoint connection includes video.

14. (currently amended) A method for providing a point-to-multipoint service to control point-to-multipoint connections using an intelligent network and a switched virtual circuit over an ATM network, the method comprising:

receiving a request from a calling party to establish a point-to-multipoint connection;

determining if the calling party is authorized to make point-to-multipoint connections;

rejecting the request if the calling party is not authorized to establish point-to-multipoint connections;

analyzing the request to determine if [[the]] a bandwidth requested for the point-to-multipoint connection is within authorized bandwidth limits; and

rejecting the request if the bandwidth requested is not within authorized bandwidth limits.

15. (original) The method of claim 14, further comprising:

allowing the point-to-multipoint connection to be established if the calling party is authorized to make point-to-multipoint connections and the bandwidth requested is within authorized bandwidth limits.

16. (currently amended) The method of claim 14, further comprising:

receiving a leaf request from the calling party to add a leaf node to the point-to-multipoint connection;

analyzing the leaf request to determine if [[the]] a maximum number of leaf nodes would be exceeded if the leaf request were granted; and

rejecting the leaf request if the maximum number of leaf nodes would be exceeded.

17. (currently amended) The method of claim 16, wherein the leaf request is provided as an ATM add party message.

18. (original) The method of claim 14, wherein the method uses a multi-service control point of the intelligent network.

19. (original) The method of claim 14, wherein the method is performed at an ingress of the ATM network.

20. (currently amended) The method of claim 14, wherein the request is received includes information from information generated from an input ATM setup message.

21. (original) The method of claim 14, wherein determining if the calling party is authorized to make point-to-multipoint connections is achieved using a profile associated with the calling party.

22. (canceled)

23. (new) A method for providing voice and telephony over asynchronous transfer mode services and point-to-multipoint connectivity using an intelligent network and a switched virtual circuit over an asynchronous transfer mode network, the method comprising:

receiving, at an ingress asynchronous transfer mode edge switch of the asynchronous transfer mode network, an input asynchronous transfer mode setup message from a calling party, the input asynchronous transfer mode setup message

includes a called party phone number value, a voice and telephony over asynchronous transfer mode designator to indicate that voice and telephony over asynchronous transfer mode services are requested, and a request to establish a point-to-multipoint connection;

enforcing policies regarding point-to-multipoint connections;

generating an output asynchronous transfer mode setup message; and

sending the output asynchronous transfer mode setup message to an egress asynchronous transfer mode edge switch of the asynchronous transfer mode network.